

Cassette fan coils

DIVA



Cooling capacity: 1.9÷10.9 kW - Heating capacity:
2.6÷14.0 kW

- ✓ **Set-ups for 2 or 4-pipe installations or 2 pipe installations with electrical resistance**
- ✓ **ABS or metal ceiling panelling with Coanda effect.**
- ✓ **New touch controls**
- ✓ **2 or 3-way, ON/OFF electrovalves and pre-mounted controls on board**



Web code: DIVA1 controls: ACREG

Cassette-type fan coil units.

Construction features

- Fan coils: cassette-type for installation in false ceilings, with air return and delivery directly in the room.
- Heat exchanger: finned coil.
- Radial fan.
- 6-speed motor, 3 of which are connected in a terminal block.
- Structure: self-supporting, in galvanised sheet steel complete with an additional condensate drain pan and pump to lift the condensate (maximum head 650 mm).
- PLP buffer ceiling (accessory): in ABS polymer (RAL 9003) with manually adjustable delivery fins, return grille and regenerable filter.

Construction set-ups

Type of unit

2T - Single main coil

4T - Double main coil and additional

RE - Single main coil and supplementary electrical resistance.

ACCESSORIES

- PLP-ABS ceiling panelling (RAL 9003).
- PLM - Metal ceiling panelling (RAL 9003) flush with false ceiling with Coanda effect.
- ➔ 3-way ON/OFF electrovalve for 2 and 4-pipe systems.
- ➔ 2-way ON/OFF electrovalves for 2 and 4-pipe systems.
- Primary air duct fitting.
- Circular connector for air distribution at a distance from the unit.
- Primary air kit.

CONTROLS

STANDARD controls

For wall mounting installation

- ➔ Panel with speed and summer/winter switch.
- ➔ Panel with room thermostat, summer/winter switch, speed switch, ON/OFF valve control and electrical resistance.
- ➔ Electronic panel with automatic summer/winter switching for 2-pipe systems.
- ➔ Electronic panel with automatic summer/winter switching and automatic speed adjustment for 2-pipe systems with electrical resistance or 4-pipe systems.
- ➔ Electronic panel with display and RS485 serial interface, semi-recessed in wall.
- ➔ Interface board to control up to 4 fan coils.

Advanced LIT-TOUCH controls

- ➔ Flush LIT-Touch control panel in glossy black or pearl white for wall mounting installation.
- ➔ LIT-Touch remote control and receiver for ceiling panelling or wall mounting installation, with air temperature probe and operation LED.
- For on board installation
 - ➔ LIT-Touch electronic control for 2-pipe systems, with 2 pipes with electrical resistance or 4 pipes, complete with minimum water temperature probe, ON/OFF valve control and integrated master/slave function up to a total of 15 units.
 - ➔ Additional board with 2 digital outputs that can be configured.
 - ➔ On board air temperature probe.
 - ➔ RS485 serial board for serial communication with other devices (Modbus RTU protocol).

Key: ♦ Factory fitted
→ Supplied separately

Technical Data

DIVA 2T - DIVA RE		20	30	40	50	60	90	110	
❶ Total cooling capacity [EN1397]	kW	1,92	2,64	4,26	4,93	6,08	9,39	10,93	
❷ Heating capacity (45°C) [EN1397]	kW	2,24	2,8	4,37	5,15	6,5	9,23	11,77	
❸ Heating capacity (50°C)	kW	2,64	3,35	5,23	6,17	7,77	10,7	14	
❹ Heating capacity (70°C) [EN1397]	kW	4,13	5,32	8,58	10,29	12,08	15,55	22,63	
RE electrical resistance	kW	-	1,5	2,5	2,5	3	3	3	
Air flow speed	m³/h	610	520	710	880	1140	1500	1820	
Sound power	dB(A)	49	45	53	59	48	53	58	
❺ Sp. sound pressure	dB(A)	40	36	44	50	39	44	49	
Absorbed power	W	57	44	68	90	77	120	170	
Electrical supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	
DIMENSIONS AND WEIGHT		20	30	40	50	60	90	110	
Box - Dimensions WxHxD	mm	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	820 x 303 x 820	820 x 303 x 820	820 x 303 x 820	
PLP Ceiling panelling - Dimensions WxHxD	mm	670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	965 x 85 x 965	965 x 85 x 965	965 x 85 x 965	
Box - Weight	kg	22	22	24	24	36	39	39	
PLP Ceiling panelling - Weight	kg	3	3	3	3	6	6	6	
DIVA 4T		20	30	32	40	42	50	60	80
❶ Total cooling capacity [EN1397]	kW	2,27	2,66	3,27	3,86	3,72	4,44	6,26	7,59
❷ Heating capacity of additional coil (65°C) [EN1397]	kW	2,66	3,04	3,86	2,91	4,19	3,29	8,02	9,66
❹ Heating capacity of additional coil (70°C) [EN1397]	kW	3,09	3,5	4,47	3,42	5,04	3,88	9,18	11,12
Air flow speed	m³/h	610	520	710	710	880	880	1140	1500
Sound power	dB(A)	49	45	53	53	59	59	48	53
❺ Sp. sound pressure	dB(A)	40	36	44	44	50	50	39	44
Absorbed power	W	57	44	68	68	90	90	77	120
Electrical supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
DIMENSIONS AND WEIGHT		20	30	32	40	42	50	60	80
Box - Dimensions WxHxD	mm	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	820 x 303 x 820	820 x 303 x 820
PLP Ceiling panelling - Dimensions WxHxD	mm	670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	965 x 85 x 965	965 x 85 x 965
Box - Weight	kg	24	24	24	24	24	24	39	39
PLP Ceiling panelling - Weight	kg	3	3	3	3	3	3	6	6
DIVA 2T - DIVA RE									
❶ Total cooling capacity [EN1397]				kW					
❷ Heating capacity (45°C) [EN1397]				kW					
❸ Heating capacity (50°C)				kW					
❹ Heating capacity (70°C) [EN1397]				kW					
RE electrical resistance				kW					
Air flow speed				m³/h					
Sound power				dB(A)					
❺ Sp. sound pressure				dB(A)					
Absorbed power				W					
Electrical supply				V-ph-Hz					
DIMENSIONS AND WEIGHT									
Box - Dimensions WxHxD				mm					
PLP Ceiling panelling - Dimensions WxHxD				mm					
Box - Weight				kg					
PLP Ceiling panelling - Weight				kg					
DIVA 4T						90	92	110	
❶ Total cooling capacity [EN1397]				kW			8,65	8,72	10,03
❷ Heating capacity of additional coil (65°C) [EN1397]				kW			7,5	11,16	8,58
❹ Heating capacity of additional coil (70°C) [EN1397]				kW			8,68	12,87	9,97
Air flow speed				m³/h			1500	1820	1820
Sound power				dB(A)			53	58	58
❺ Sp. sound pressure				dB(A)			44	49	49
Absorbed power				W			120	170	170
Electrical supply				V-ph-Hz			230-1-50	230-1-50	230-1-50
DIMENSIONS AND WEIGHT						90	92	110	
Box - Dimensions WxHxD				mm			820 x 303 x 820	820 x 303 x 820	820 x 303 x 820
PLP Ceiling panelling - Dimensions WxHxD				mm			965 x 85 x 965	965 x 85 x 965	965 x 85 x 965
Box - Weight				kg			39	39	39
PLP Ceiling panelling - Weight				kg			6	6	6

Data at the following conditions:

- ❶ Air: 27°C D.B.; 19°C W.B. - Water: 7/12°C.
- ❷ Air: 20°C - Water: 45/40°C.
- ❸ Air: 20°C - Water: 50°C, flow rate as in cooling.
- ❹ Air: 20°C - Water: 70/60°C.
- ❺ Air: 20°C - Water: 65/55°C.
- ❻ For room volume equal to 100 m³ and reverberation time = 0.5 sec.
- E Eurovent certified performance.

RHOSS S.P.A. declines all responsibility for possible mistakes in this document and reserves the right to alter the features of their products without notice.

Rhoss S.p.A.
Via Oltre Ferrovia, 32
33033 Codroipo (UD) - Italy
tel. +39 0432 911611 - rhoss@rhoss.it
www.rhoss.it www.rhoss.com



RhossOfficial



RhossOfficialChannel



Rhoss